

IN THE CLAIMS

Please make the following claim substitutions:

1 1. (Currently amended) A method for use in by a mobile station, the
2 method comprising the step steps of:
3 ~~attaching the mobile station to a wireless data network; and~~
4 ~~the mobile station performing negotiating a~~ variable quality of service
5 ~~negotiation between a mobile station and a~~ with the wireless data network, when
6 said mobile station is connected to said wireless data network; and
7 ~~wherein during said negotiation including an indication for said mobile~~
8 station issues requesting a request for multiple possible preferred ones of traffic
9 classes preferences in a priority order, ~~wherein if~~ and when resources are
10 unavailable for granting a first traffic class preference, said network checks if
11 enough resources are available for a second traffic class preference without
12 requiring additional mobile station transmissions.

1 2. (Currently amended) The method of claim 1 wherein the ~~performing~~
2 negotiating step includes the step steps of:
3 transmitting to the wireless data network a quality of service information
4 element ~~comprising~~ having a downgradeable quality of service class field that is
5 indicative of ~~requesting a request for multiple preferred ones of~~ traffic classes in a
6 priority order.

1 3. (Currently amended) The method of claim 1 wherein the ~~performing~~
2 negotiating step includes the step steps of:
3 transmitting to the wireless data network a quality of service information
4 element ~~comprising~~ having an upgradeable quality of service class field that is
5 indicative of ~~requesting a request for~~ a higher traffic class than an existing traffic
6 class.

1 4. (Currently amended) The method of claim 1 wherein the ~~performing~~
2 negotiating step includes the step steps of:
3 transmitting to the wireless data network a quality of service information

4 element comprising having at least one traffic class field ~~for conveying that~~
5 conveys requests for ~~multiple~~ preferred ones of traffic classes in a priority order.

1 5. (Currently amended) The method of claim 1 wherein the ~~performing~~
2 negotiating step includes the step of using initiating an activate packet data
3 protocol (PDP) context procedure that supports downgradeable quality of service
4 requirements.

1 6. (Currently amended) A method for use in ~~by~~ a first packet server of a
2 wireless network, ~~[[a]]~~ the first packet server being any packet processor in said
3 network, the method comprising the steps of:

4 the first packet server exchanging messages with a second packet server
5 ~~for a purpose of providing to communicate~~ at least one service to a mobile
6 station,

7 wherein the exchanging step includes the step of

8 ~~the first packet server~~ transmitting from the first packet server to the
9 second packet server a message comprising including a quality of service
10 information element comprising having a quality of service class field that is
11 indicative of requesting a request for ~~multiple possible~~ preferred ones of traffic
12 classes in the message, and ~~wherein if~~ when resources are unavailable for
13 granting a first traffic class preference, said network checks if enough resources
14 are available for a second traffic class preference without requiring additional
15 transmissions.

1 7. (Currently amended) The method of claim 6 wherein the quality of
2 service class field is indicative of ~~requesting~~ a request for a downgradeable
3 quality of service and the ~~multiple~~ preferred ones of traffic classes are requested
4 in a priority order.

1 8. (Currently amended) The method of claim 6 wherein the quality of
2 service class field is indicative of ~~requesting~~ a request for an upgradeable quality
3 of service.

1 9. (Currently amended) The method of claim 6 wherein the exchanging
2 step includes the step of using initiating an activate packet data protocol (PDP)
3 context procedure that supports variable quality of service requirements.

1 10. (Canceled)

1 11. (Canceled)

1 12. (Canceled)

1 13. (Canceled)

1 14. (Currently amended) A packet server comprising:

2 a transceiver for exchanging messages with a second packet server for a
3 purpose of providing at least one service to a mobile station; and

4 a processor for causing ~~to be transmitted to~~ the second packet server to
5 transmit a message ~~comprising~~ including a quality of service information element,
6 said element comprising having at least one traffic class field ~~for conveying that~~
7 conveys requests for multiple preferred ones of traffic classes in a priority order,
8 ~~wherein if and when~~ resources are unavailable for granting a first traffic class
9 preference in said request for multiple traffic classes, said ~~network~~ processor checks
10 if enough resources are available for a second traffic class preference without
11 requiring additional transmissions.

1 15. (Currently amended) A transmission frame representing data embodied in
2 a wireless transmission signal, the transmission frame comprising:

3 a quality of service class field that is indicative of ~~requesting~~ a request for
4 ~~multiple preferred ones of~~ traffic classes in a priority order; and

5 at least one traffic class field ~~for conveying that conveys~~ the priority order.

1 16. (New) A method for use by a mobile station attached to a wireless
2 network, the method comprising the step of:

3 requesting from said wireless network preferred ones of traffic classes in a
4 priority order as part of a variable quality of service negotiation, and when resources

5 are unavailable for granting a first traffic class preference, said network determines
6 whether enough resources are available to provide a second traffic class preference.

1 17. (New) The method of claim 16 wherein the requesting step further
2 comprises the step of:

3 transmitting to the wireless data network a quality of service information
4 element having a downgradeable quality of service class field that is indicative of a
5 request for ~~multiple~~ preferred ones of traffic classes in a priority order.